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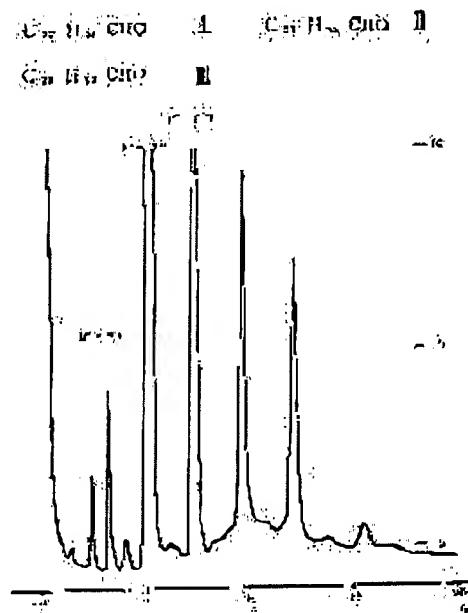
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### (54) EXTRACT OF STALK AND SKIN OF SWEET POTATO AND ANTIHYPERTENSIVE AGENT

#### (57) Abstract:

**PURPOSE:** An antihypertensive agent especially capable of being administered safely for a long period, containing an extract of stalk and skin of sweet potato comprising straight-chain aliphatic aldehyde homologues as main components.

**CONSTITUTION:** A fat-soluble substance showing a gas chromatography chart shown by the figure, comprising straight-chain aliphatic aldehyde homologues shown by the formula I, formula II and formula III as main components, is extracted from stalk and skin of sweet potato with an organic solvent (e.g., benzene, etc.), and isolated by silica gel chromatography. Sweet potato harvested in January is preferable as the sweet potato, and the yield is high when ripened part of stalk near to the root is used. The extract of stalk and skin of sweet potato has antihypertensive action, especially lowering action on serum cholesterol, and is useful as an antihypertensive agent. It can be administered by any method, and a dose of 50W1,000mg/day/person may be medicated every day in the case of oral administration.



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